

Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet

1

of

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Complete if Known

Application Number	09/939,149
Filing Date	08/24/2001
First Named Inventor	Paul Mansky
Group Art Unit	1754-2856
Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-02-27 & TRADE)

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JDW		"DMA 2980 Dynamic Mechanical Analyer," http://www.tainst.com/dma2.html , 12/29/00	
JDW		"Introducing the NEW DMTA V!", http://www.rheometricsscintific.com/dmtaV.htm , 12/29/00	
JDW		"Standard Test Method for Rubber Property-Intrenational Hardness," American Society for Testing and Materials	
JDW		AMITAY-SADOVSKY, ELLA and H. Daniel Wagner, "Evaluation of Young's Modulus of Polymers from Knoop Microindentation Tests" Polymer Communications, 1998, vol. 39, no. 11, pp. 2387-2390.	
JDW		CALLEJA, F.J. BALTA, "Microhardness Studies of Polymers and Their Transitions" TRIP, December 1994, vol. 2, no. 12, pp. 419-425	
JDW		BOWLT, C., "A Simple Capillary Viscometer" Physics Education, March 1975, vol. 10, no. 2, pp. 102-103	
JDW		LACOMBE, ROBERT H. and Jeremy Greenblatt, "Mechanical Propoerties of Thin Polyimide Films" pp. 647-668	
JDW		SHINOZAKI, D.M. and Y. Lu, "Micro-Indentation Relaxation Measurements in Polymer Thin Films" Journal of Electronic Materials, 1997, vol. 26, no. 7, pp. 852-858	
JDW		WIERENGA, P.E. and A.J.J. Franken, "Ultramicroindentation Apparatus for the Mechanical Characterization of Thin Films" J. Appl. Phys., June 15, 1984, 55 (12).	
JDW		European Search Report dated December 10, 2001	

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David Wiggins

Date
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Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-02)

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JDW		U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
JDW		U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
JDW		U.S. Application Serial No. 09/550,549 entitled "Automated Process Control And Data Management System And Methods" (Crevier, et al.) filed on April 14, 2000	
		U.S. Application Serial No. 09/755,623 entitled "Laboratory Database System and Methods For Combinatorial Materials Research" (Dorsett, Jr., et al.) filed on January 5, 2001.	
JDW		The family of applications for U.S. Application Serial No. 09/227,558 entitled, "Apparatus and Method of Research for Creating and Testing Novel Catalysts, Reactions and Polymers" (Turner et al.) filed January 8, 1999	
JDW		U.S. Application Serial No. 09/235,368 entitled "Polymerization Method From the Combinatorial Synthesis and Analysis of Organometallic Compounds and Catalysts" (Weinberg et al.) filed on January 21, 1999	
JDW		U.S. Provisional Application Serial No. 60/122,704 entitled "Controlled, Stable Free Radical Emulsion and Water-Based Polymerizations" (Klaerner et al.) filed on March 9, 1999	
JDW		The family of applications for U.S. Application Serial No. 09/567,598 entitled "Polymer Libraries on a Substrate, Method for Forming Polymer Libraries on a Substrate and Characterization Methods with Same" (Boussie et al.) filed May 10, 2000	
JDW		The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
JDW		ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
JDW		TIMOSHENKO, S., Theory of Plates and Shells, McGraw-Hill, New York 1940	

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Sheet 1 of 3

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First Named Inventor	Paul Mansky
Group Art Unit	1754 2856 FEB 4 2002
Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-02-12)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)				
JDW		1,870,412		Kennedy, H.	08/09/1932	073	54.01
JDW		3,071,961		Heigl et al., J.	01/08/1963	073	54.08
JDW		3,675,475		Weinstein, W.	07/11/1972	073	089
JDW		3,713,328		Aritomi, C.	01/30/1973	073	54.08
JDW		3,798,960		Glass, J.	03/26/1974	073	54.05
JDW		3,805,598		Corcoran, E.	04/23/1974	073	081
JDW		3,818,751		Karper et al., P.	06/25/1974	073	788
JDW		3,849,874		Jeffers, F.	11/26/1974	029	590
JDW		3,895,513		Richardson, C.	07/22/1975	073	54.07
JDW		3,908,441		Virloget, J.	09/30/1975	073	54.08
JDW		3,933,032		Tschoegl, N.	01/20/1976	073	781
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JDW		4,447,125		Lazay et al., P.	05/08/1984	350	096-35
JDW		4,517,830		Gunn, deceased et al., D.	05/21/1985	073	54.15
JDW		4,567,774		Manahan et al., M.	02/04/1986	073	700
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JDW		4,599,219		Cooper et al., D.	07/08/1986	422	700
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JDW		4,680,958		Ruelle et al., J.	07/21/1987	073	54.07
JDW		4,685,328		Huebner et al., H.	08/11/1987	073	54.15

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Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴ Kind Code ⁵ (if known)				
JDW			JP402297040A	Akaha Toru	12/07/1990		
JDW			WO 96/11878	The Reg. of the Univ. of	04/25/1996		
JDW			WO 00/51720	Symyx Technologies, Inc.	09/08/2000		
JDW			WO 00/17413	Symyx Technologies	03/30/2000		
JDW			WO 01/79949 A2	Symyx Technologies, Inc.	10/25/2001		
JDW			WO 98/15501	Symyx Technologies, Inc.	04/16/1998		
JDW			WO 99/18431	Symyx Technologies, Inc.	04/15/1999		
JDW			EP 0 317 356 A2	Chichibu Cement Kabushiki	05/24/1989		

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>			Complete if Known Application Number 09/939,149 Filing Date 08/24/2001 First Named Inventor Paul Mansky Group Art Unit 1754 Examiner Name David Wiggins Attorney Docket Number 1012-119(2001-021)		
Sheet	2	of	3		

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)			Class	Class
JDW		4,740,078		Daendliker et al.	04/26/1988	356	35.5
JDW		4,749,854		Martens	06/07/1988	250	22.5
JDW		4,789,236		Hodor et al.	12/06/1988	356	033
JDW		4,793,174		Yau	12/27/1988	073	54.06
JDW		4,829,837		Telfer	05/16/1989	073	863.01
JDW		4,893,500		Fink-Jensen	01/16/1990	073	54.13
JDW		4,899,575		Chu et al.	02/13/1990	073	54.08
JDW		4,932,270		Lurie et al.	06/12/1990	073	862.33
JDW		5,008,081		Blau et al.	04/16/1991	422	064
JDW		5,051,239		von der Goltz	09/24/1991	422	073
JDW		5,115,669		Fuller et al.	05/26/1992	73	54.521
JDW		5,142,900		Duke	09/01/1992	73	54.3
JDW		5,193,383		Burnham et al.	03/16/1993	073	105
JDW		5,236,998		Lundeen et al.	08/17/1993	525	100.52
JDW		5,271,266		Eschbach	12/21/1993	073	54.3
JDW		5,272,912		Katsuzaki	12/28/1993	073	54.08
JDW		5,280,717		Hoseney et al.	01/25/1994	073	54.22
JDW		5,303,030		Abraham et al.	04/12/1994	356	345
JDW		5,305,633		Weissenbacher et al.	04/26/1994	073	082
JDW		5,452,619		Kawanabe et al.	09/26/1995	073	864.01

[illegible]

Examiner Signature	<i>David S. Higgins</i>	Date Considered	02/04/03
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		Number	Kind Code ² (if known)			Class	Class
JDW		5,481,153		Turner	C.	01/02/1996	310 334
JDW		5,610,325		Rajagopal et al.	C.	03/11/1997	073 54.39
JDW		5,626,779		Okada	H.	05/06/1997	219 201
JDW		5,699,159		Mason	P.	12/16/1997	356 351
JDW		5,700,953		Hlady et al.	V.	12/23/1997	073 105
JDW		5,728,532		Ackley	D.	03/17/1998	435 006
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JDW		5,764,068		Katz et al.	A.	06/09/1998	324 8.72
JDW		5,821,407		Sekiguchi et al.	K.	10/13/1998	073 8.628
JDW		6,306,658		Turner et al.	F.	10/23/2001	436 03.95
JDW		6,315,923		Devenney et al.	M.	11/13/2001	252 30.48
JDW		6,326,090		Schultz et al.	P.	12/04/2001	428 68.8
JDW		6,050,139		Bousfield et al.	D.	04/18/2000	073 150.1
							1700

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Examiner Signature	David L. Wissins	Date Considered	02/04/03
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		Number	Kind Code ² (if known)				
JDW		5,776,359		Schultz et al.	07/07/1998	252	62.51
JDW		5,959,297		Weinberg et al.	09/28/1999	250	288
JDW		5,985,356		Schultz et al.	11/16/1999	427	008
JDW		6,004,617		Schultz et al.	12/21/1999	427	008
JDW		6,013,199		McFarland et al.	01/11/2000	252	301.4R
JDW		6,030,917		Weinberg et al.	02/29/2000	502	104
JDW		6,034,775		McFarland et al.	03/07/2000	356	364
JDW		6,034,240		La Pointe	03/07/2000	546	024
JDW		6,043,363		LaPointe et al.	03/28/2000	544	225
JDW		6,045,671		Wu et al.	04/04/2000	204	298.11
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JDW		6,151,123		Nielsen	11/21/2000	356	445
JDW		6,149,882		Guan et al.	11/21/2000	422	211
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JDW		6,175,409 B1		Nielsen et al.	01/16/2001	356	337
JDW		6,177,528 B1		LaPointe et al.	01/23/2001	526	139
JDW		6,182,499 B1		McFarland et al.	02/06/2001	073	24.06
JDW		6,187,164 B1		Warren et al.	02/13/2001	205	081
JDW		6,203,726 B1		Danielson et al.	03/20/2001	252	301.4R

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JDW			WO 00/67086		Symyx Technologies, Inc.	11/09/2000		
JDW			*WO 96/11878		Reg. of the Univ. of California	04/25/1996		
JDW			WO 0036410		Symyx Technologies, Inc.	06/22/2000		
JDW			WO 00/40331		Symyx Technologies, Inc.	07/13/2000		
JDW			*WO 00/51720		Symyx Technologies, Inc.	09/08/2000		
JDW			*WO 00/17413		Symyx Technologies, Inc.	03/30/2000		
JDW			WO 00/23921		Symyx Technologies, Inc.	04/27/2000		

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		Number	Kind Code² (if known)			Class	Class
JDW		6,242,623	B1	Boussie et al.	06/05/2001	556	018
JDW		6,225,487	B1	Guram	05/01/2001	556	018
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JDW		6,248,540	B1	Weinberg et al.	06/19/2001	435	07.1
JDW		6,260,407	B1	Petro et al.	07/17/2001	073	61.52
JDW		6,265,601	B1	Guram et al.	07/24/2001	558	41.
JDW		6,265,226	B1	Petro et al.	07/24/2001	436	180
JDW		6,268,513	B1	Guram et al.	07/31/2001	549	200
JDW		6,294,388	B1	Petro	09/25/2001	436	008
JDW		6,296,771	B1	Miroslav	10/02/2001	210	656
JDW		6,092,414		Newman	07/25/2000	073	146
JDW		6,050,138		Lynch et al.	04/18/2000	073	150 A
JDW		6,040,193		Winkler et al.	03/21/2000	436	180
JDW		6,033,913		Morozov et al.	03/07/2000	436	086
JDW		6,010,616		Lewis et al.	01/04/2000	205	787
JDW		5,999,887		Giannakopoulos et al.	12/07/1999	702	033
JDW		5,922,967		Motoyama	07/13/1999	073	794
JDW		5,892,157		Syre	04/06/1999	073	812
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JDW		5,847,283		Finot et al.	12/08/1998	073	812

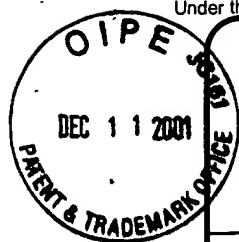
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

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Application Number	09/939,149
Filing Date	08/24/2001
First Named Inventor	Paul Manksy
Group Art Unit	1754 2856
Examiner Name	David Wig
Attorney Docket Number	1012-119(2001-02)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number	Kind Code ² (if known)			Class	Class
JDW		5,817,947		Bergerus, C.	10/06/1998	073	826
JDW		5,723,792		Miyazaki, N.	03/03/1998	073	769
JDW		5,532,942		Kitamura et al., H.	07/02/1996	364	555
JDW		5,520,042		Garritano et al., R.	05/28/1996	073	54.02
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JDW		5,092,179		Ferguson, H.	03/03/1992	073	790
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FOREIGN PATENT DOCUMENTS

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Signature

David Wiggins

Date Considered

02/04/03

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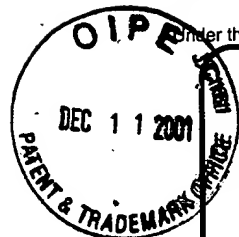
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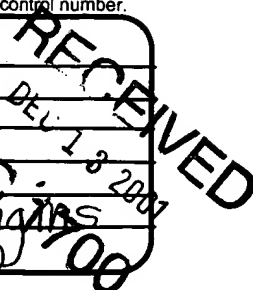
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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JDW		U.S. Patent Application Serial No. 09/939,404 entitled "High Throughput Mechanical Property and Bulge Testing of Material Libraries," (D. Hajduk et al.) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/939,252 entitled "High Throughput Mechanical Rapid Serial Property Testing of Material Libraries," (P. Mansky) filed on August 24, 2001.	
JDW		U.S. Patent Application Serial No. 09/939,139 entitled "High Throughput Fabric Handle Screening," (M. Kossuth et al.) filed on August 24, 2001.	
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JDW		U.S. Patent Application Serial No. 09/938,994 entitled "High Throughput Mechanical Property Testing of Materials Libraries Using a Piezoelectric," (D. Hajduk) filed on August 24, 2001.	
JDW		The family of applications for U.S. Patent Application Serial No. 09/580,024 entitled "Instrument for High Throughput Measurement of Material Physical Properties and Method of Using Same," (Carlson, et al.) filed on May 26, 2000	
JDW		*The family of applications for U.S. Patent Application Serial No. 09/174,856 titled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 19, 1998.	
JDW		U.S. Application Serial No. 09/801,165 entitled "Method and Apparatus for Characterizing Materials By Using a Mechanical Resonator" filed March 7, 2001	
JDW		U.S. Application Serial No. 09/578,997 entitled "High Throughput Viscometer and Method of Using Same" filed May 25, 2000	
JDW		*PCT Application No. PCT/US01/11417 entitled "Automated Process Control And Data Management System And Methods", filed 4/6/2001	

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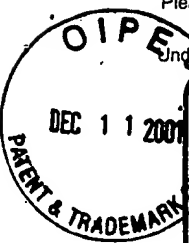
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JDW		*U.S. Application Serial No. 09/420,334 entitled "Graphic Design of Combinatorial Material Libraries" (Lacy, et al.) filed on October 18, 1999	
JDW		*U.S. Patent Application Serial No. 09/305,830 titled "Synthesizing Combinatorial Libraries of Materials" (Rust, et al.) filed on May 5, 1999	
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Examiner Name	David Wiggins
Attorney Docket Number	1012-119(2001-021)

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JDW		*ODIAN, Principles of Polymerization, 3rd Ed., John Wiley & Sons, Inc. (1991)	
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JDW		ALI, S.I. and Shahida Begum, "Fabric Softeners and Softness Perception", Ergonomics, v.37, No. 5, pp. 801-806 (1994).	

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